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 PD - 1999-07-30
 PR - JP19980007688 19980119
 OPD - 1998-01-19
 TI - ELECTRONIC MAP DISPLAY DEVICE
 IN - YOSHIDA HARUO
 PA - SONY CORP
 IC - G09B29/00 ; G01C21/00 ; G06T1/00 ; G08G1/0969

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TI - Map display device used in car navigation system - includes timer to set up time for displaying particular portion in map by acquiring position information stored in memory from acquisition unit
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 PA - (SONY) SONY CORP
 IC - G01C21/00 ;G06T1/00 ;G08G1/0969 ;G09B29/00
 AB - JP11202759 NOVELTY - A timer sets up the time. A position information acquisition unit obtains positional information corresponding to the time stored in memory. A display (1) displays the map of a point corresponding to positional information.
 - USE - Used in car navigation system.
 - ADVANTAGE - Map of a point corresponding to the positional information of past and future time is displayed at any time by setting up corresponding time in the timer.

DESCRIPTION OF DRAWING(S) - The figure shows display unit of map display device.

(1) Display.

- (Dwg.1/3)

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 AB - PROBLEM TO BE SOLVED: To make a user recognizable user's own position at a certain time.

- SOLUTION: At a display part 1, a map is displayed with user's own position indicated by a marker 3 as the center and the road 2' is set route. By pressing a button 5, a time in the past is set and the set time is displayed at a time display part 4. At the display part 1, the map based on past position information stored in a memory is displayed and the track of user's own vehicle is traced. By pressing the button 6, the future time is set and the set time is displayed at the time display part 4. The map of a spot for which a predicted traveling distance obtained from the average speed of movement is moved on the route is displayed at the display part 1. The predicted arrival spot of the user's own vehicle at the future time is confirmed.

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